

CLIPPING DEVICEABSTRACT OF THE DISCLOSURE

5 A clipping device able to reduce the number of
processing cycles, able to simplify the circuit, and able
to increase the speed of the processing, having a clip
code generation circuit for generating clip codes
corresponding to results of comparison of vertex
10 coordinates of a primitive and a judgment reference value
of a multi-dimensional region and a negative value of the
judgment reference value for the vertexes of the
primitive; a current clip register for shifting the clip
codes; clip registers able to replace the clip codes in
15 accordance with a control signal; a control circuit
outputting a control signal so as to replace the clip
codes between clip registers when receiving a replacement
instruction; and a logic circuit for performing a logic
operation with respect to all bit data set in the clip
20 registers and setting a clip flag indicating whether or
not the vertex to be judged is inside or outside a multi-
dimensional region of an object to be drawn.